

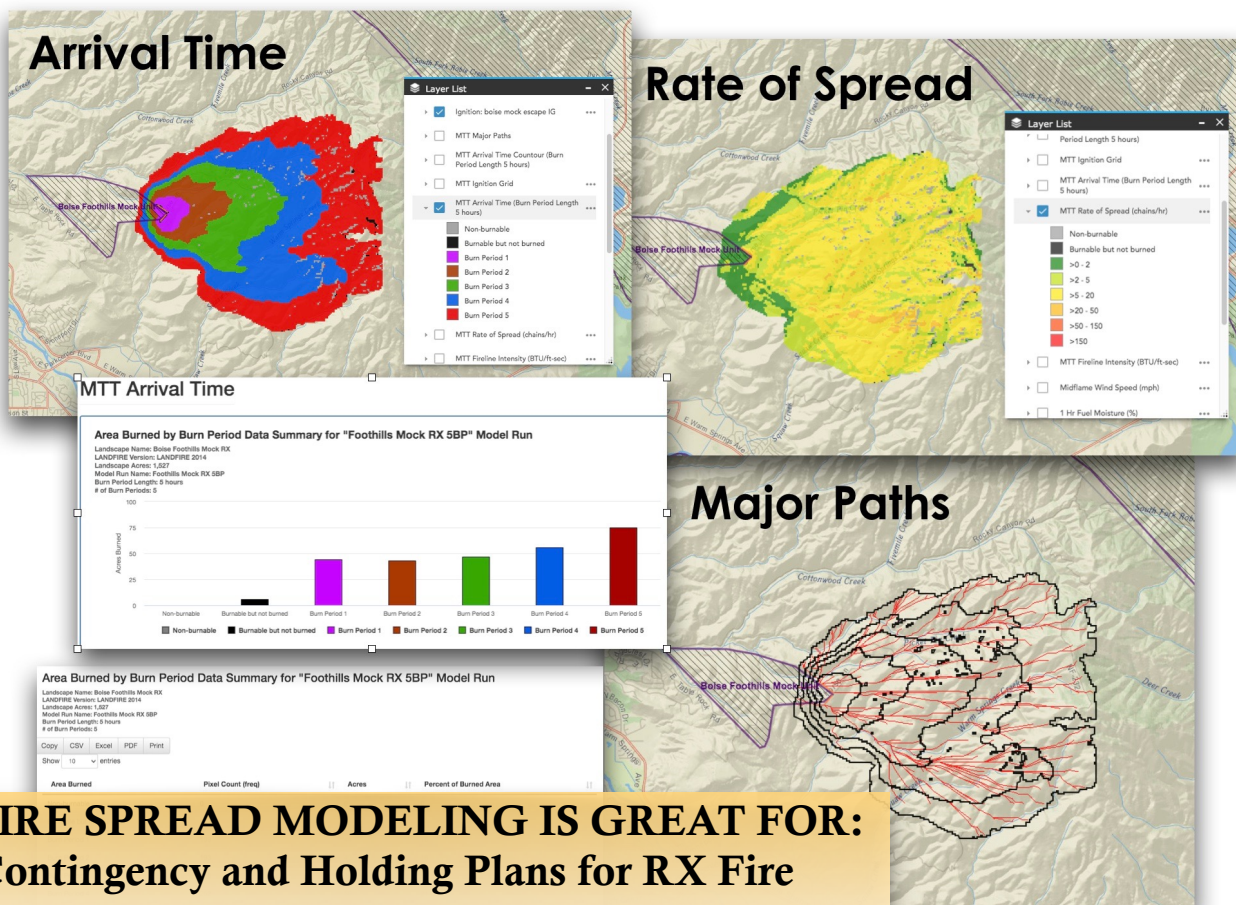
# MTT Fire Spread Fire Behavior Model

Fact Sheet

*Available in IFTDSS Today!*

Interagency Fuel Treatment Decision Support System  
<https://iftdss.firenet.gov>

Minimum Travel Time Fire Spread (MTT) has been added to the IFTDSS Modeling Playground. MTT in IFTDSS is the same as Short Term Fire Behavior which is found in WFDSS.



**MTT FIRE SPREAD MODELING IS GREAT FOR:**

- Contingency and Holding Plans for RX Fire
- Estimating Wildfire Impacts to Values at Risk
- Potential Wildfire Threats to Fuel Breaks

The MTT Fire Spread model is the same as Short Term Fire Behavior in WFDSS. MTT simulates fire spread and behavior based on user-specified ignitions and barriers (optional). A single set of constant weather inputs is applied for the analysis duration. Outputs are useful to identify potential spread pathways as well as spread rates, patterns, and distances over time.

MTT is found in the Playground. Select from the drop-down list, choose your landscape and enter your inputs.

IFTDSS My Home Cycle My Workspace Map Studio Playground FTEM

/ Playground View

### My Modeling Playground

Display: All Landscape Fire Behavior (Basic) MTT Fire Spread (Short-Term) Landscape Burn Probability

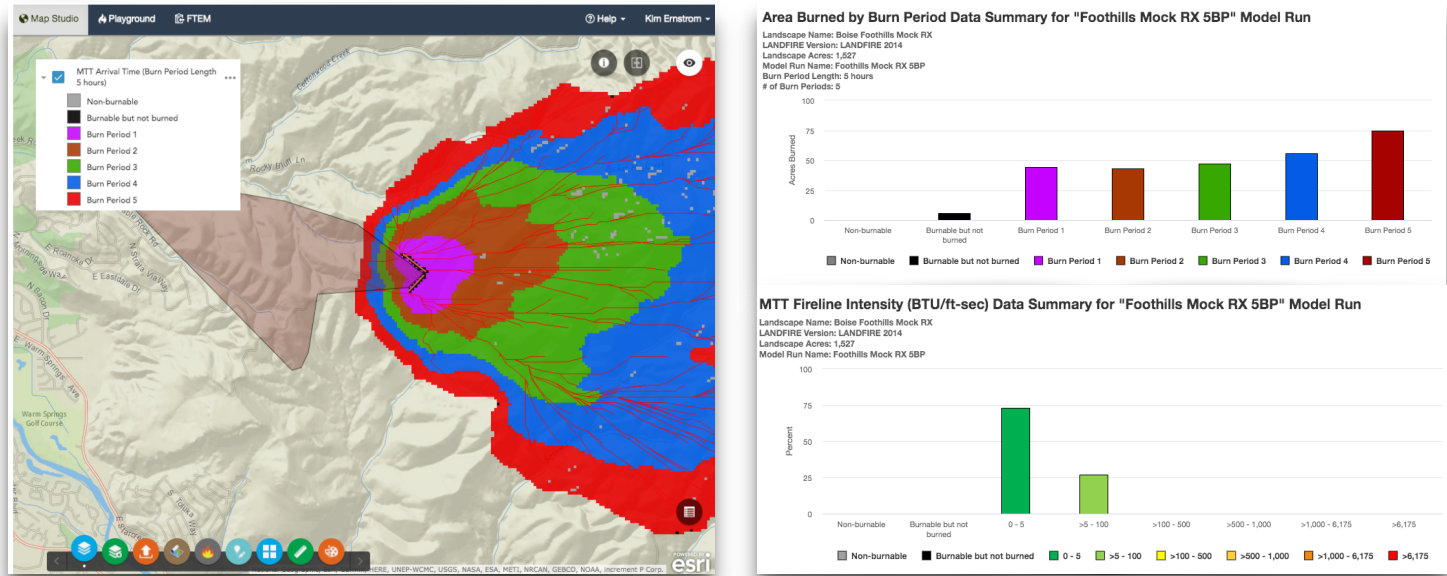
Percent of Storage Used: 42%

#	Name	Type	Owner
1	Foothills Mock RX 5BP	MTT Fire Spread	kernstrom
2	Boise Foothills RX Mock Up	Landscape Burn Probability	kernstrom
3	Boise foothill mock RX	Landscape Fire Behavior	kernstrom
4	Boise Mock RX escape NE	MTT Fire Spread	kernstrom

#	Name	Type	Owner	Date Created	Status
1	Foothills Mock RX 5BP	MTT Fire Spread	kernstrom	Dec 3, 2020 1:12:37 AM	Completed

Copy
View Input
Download
Delete
View on Map

View the outputs in the Map Studio, copy and re-run with different inputs or download the outputs to view and use outside of IFTDSS. Generate a summary report from your Workspace to analyze the results and use in plans and other documents



## For More Information

For more information about contact the IFTDSS Team.

**Business Leads:** Tim Sexton USFS, Jason Fallon DOI  
**Project Manager:** Henry Bastian  
**IFTDSS Technical Leads:** Caroline Noble, Kim Ernstrom, Bre Schueller, Nicole Vaillant, Josh Hyde

